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GoGear

SA3SPK02

SA3SPK04

SA3SPK08

User manual

PHILIPS

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Need help?
Please visit
www.philips.com/welcome
where you can access a full set of supporting materials such as the user manual, the latest software updates, and answers to frequently asked questions.

1 Important safety information

General maintenance

The translation of this document is for reference only.
In the event of any inconsistency between the English version and the translated version, the English version shall prevail.

Caution

- To avoid damage or malfunction:
- Do not expose the product to excessive heat caused by heating equipment or direct sunlight.
- Do not drop the product or allow objects to fall on your player.
- Do not allow the product to be submerged in water. Do not expose headphone socket or battery compartment to water, as water entering the set may cause major damage.
- Active mobile phones in the vicinity may cause interference.
- Back up your files. Ensure that you retain the original files you have downloaded to your device. Philips is not responsible for any loss of data if the product becomes damaged or not readable / legible.
- Manage (transfer, delete, etc.) your music files only with the supplied music software to avoid problems.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the product.

About operating and storage temperatures

- Operate in a place where temperature is always between 0 and 35°C (32 to 95°F)
- Store in a place where temperature is always between -20 and 45°C (-4 to 113°F).
- Battery life may be shortened in low temperature conditions.

Replacement parts/accessories:
Visit www.philips.com/support to order replacement parts/accessories.

Hearing Safety

Listen at a moderate volume:
Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.
To establish a safe volume level:
Set your volume control at a low setting.
Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
Listen for reasonable periods of time:
Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
Be sure to use your equipment reasonably and take appropriate breaks.
Be sure to observe the following guidelines when using your headphones.
Listen at reasonable volumes for reasonable periods of time.
Be careful not to adjust the volume as your hearing adapts.
Do not turn up the volume so high that you can't hear what's around you.
You should use caution or temporarily discontinue use in potentially hazardous situations.

Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Modifications

Modifications not authorized by the manufacturer may void user's authority to operate the product.

Copyright information

All other brands and product names are trademarks of their respective companies or organizations.

Unauthorized duplication of any recordings whether downloaded from the Internet or made from audio CDs is a violation of copyright laws and international treaties.

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offense. This equipment should not be used for such purposes.

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Be responsible! Respect copyrights.

Philips respects the intellectual property of others, and we ask our users to do the same.

Multimedia content on the internet may have been created and/or distributed without the original copyright owner's authorization.

Copying or distributing unauthorized content may violate copyright laws in various countries including yours.

Compliance with copyright laws remains your responsibility.

The recording and transfer to the portable player of video streams downloaded to your computer is intended only for use with public domain or properly licensed content. You may only use such content for your private, non-commercial use and shall respect eventual copyright instructions provided by the copyright owner of the work. Such instruction may state that no further copies shall be made. Video streams may include copy protection technology that prohibits further copying. For such situations the recording function will not work and you will be notified with a message.

Data logging

Philips is committed to improving the quality of your product and enhancing the Philips user experience. To understand the usage profile of this device, this device logs some info / data to the non-volatile memory region of the device. These data are used to identify and detect any failures or problems you as a user may experience while using the device. The data stored, for example, will be the duration of playback in music mode, duration of playback in turner mode, how many times battery low was encountered, etc. The data stored do not reveal the content or media used on the device or the source of downloads. The data stored on the device are retrieved and used ONLY if the user returns the device to the Philips service center and ONLY to simplify error detection and prevention. The data stored shall be made available to user on user's first request.

Monkey's Audio decoder

1. **The Monkey's Audio SDK and source code can be freely used to add APE format playback, encoding, or tagging support to any product, free or commercial. Use of the code for proprietary efforts that don't support the official APE format require written consent of the author.**

② **Monkey's Audio source can be included in GPL and open-source software, although Monkey's Audio itself will not be subjected to external licensing requirements or other viral source restrictions.**

③ **Code changes and improvements must be contributed back to the Monkey's Audio project free from restrictions or royalties, unless exempted by express written consent of the author.**

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FLAC decoder
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XPAT XML Parser
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Recycling the product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

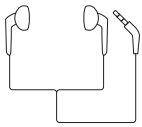
2 Your new SPARK

Use SPARK to
- play audio files
- view pictures
- listen to FM radio
- make recordings

What's in the box

Check that you have received the following items:
Player

Earphones



USB cable

Quick start guide

Note

- The images serve as reference only. Philips reserves the right to change color/design without notice.

PC software for the player

The following PC software can work with **SPARK**:
- Philips Device Manager (helps you get firmware updates for SPARK)

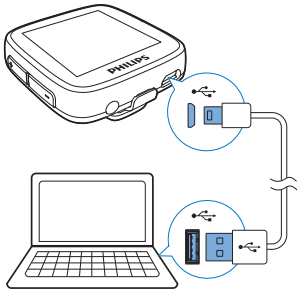
Files loaded on the player

The following files are loaded on **SPARK**:
- User manual
- Frequently asked questions

3 Get started

Charge power

SPARK has a built-in battery that can be charged through the USB connector of a computer.
Connect the player to a PC by using the USB cable.



Note

- When you connect **SPARK** to a computer, you are briefly prompted to select: **[Charge & transfer]** or **[Charge & play]**. If no option is selected, **[Charge & transfer]** applies.
- To play the **SPARK** when you charge power, select **[Charge & play]**.

Battery level indication

The display indicates the approximate levels of the battery status as follows:

100%	75%	50%	25%	0%

↳ A flashing battery screen indicates that the battery is low. The player saves all settings and switches off within 60 seconds.

Note

- Rechargeable batteries have a limited number of charge cycles. Battery life and number of charge cycles vary by use and settings.
- The charging animation stops and the icon is displayed when the charging process is completed.

To conserve battery power and increase the play time, do the following on SPARK:

- Set the backlight timer to a low value (go to ⚙ > **[Display settings]** > **[Backlight timer]**).

First-time setup

The first time you connect **SPARK** to a PC, install **Philips Device Manager** on the PC. Over the Internet, you can update the firmware of the player through **Philips Device Manager**. When you connect the SPARK to the PC for the first time, a pop-up window appears:

1. Select **InstallPhilips Device Manager**.
2. Follow the on-screen instructions to complete the installation of the software.

Note

- The installation requires you to agree to the license terms.

If the pop-up window is not displayed automatically:

1. Select **My Computer** (Windows XP / Windows 2000) / **Computer** (Windows Vista / Windows 7).
2. Right click on the **Philips GoGear** SPARK icon.
3. Select **Install Philips Device Manager**.
4. Follow the on-screen instructions to complete the installation of the software.

Note

- The installation requires you to agree to the license terms.

Switch the player on or off

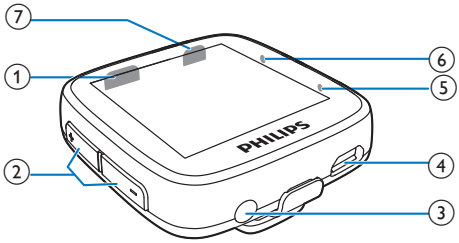
Press and hold ⏻ / 🔒 until the player is switched on or off.

Automatic standby and shut-down

The player has an automatic standby and shut-down feature that can save battery power. After 10 minutes in idle mode (no play, no button is pressed), the player switches off.

4 Overview

Controls



1 ⏻ / 🔒
- Press and hold: switch the player on or off
- Press: lock/unlock the screen

2 +, –
- Press: increase/decrease the volume
- Press and hold: increase/decrease fast

3 🎧
- 3.5-mm headphone connector

4
- USB connector for power charging and data transfer

5 RESET
- Press the hole by using the tip of a ball pen when the screen does not respond to the pressing of keys

6 MIC
- microphone

7 ⮌
- Press: back one level or exit
- Press and hold: return to the Home screen

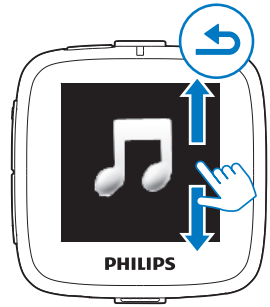
Screens

Home screen

Menu	Mode	To
♫	Music	play digital audio tracks
🖼	Pictures	view pictures
📻	FM radio	listen to FM radio
🎙	Recordings	create or listen to recordings
📁	Folder view	view files in folders
⚙	Settings	customize the settings of SPARK

Navigate on the screen

From the Home screen, access the functional menus and options by navigating on the screen:



- On the screens, swipe up/ down to browse the list of the options. Tap to select an option.
- To go back to previous screens, press ⮌ repeatedly; or, press and hold ⮌ to return to the Home screen.

Rotate the screen

In ⚙ > **[Display settings]** > **[Rotate screen]**, select an option to rotate the display.

Lock/ unlock the screen

By locking the screen, you can lock all the touch controls on the screen. Thus, undesired operations are prevented.

Auto lock

After a time duration, the screen dims and is locked automatically. To set the time duration, go to ⚙ > **[Display settings]** > **[Backlight timer]**.

To lock the screen manually

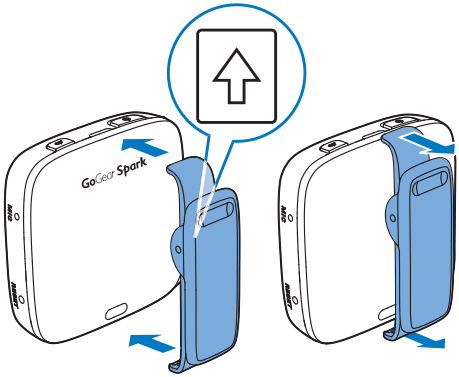
- Press ⏻ / 🔒.

To unlock the screen

- Press ⏻ / 🔒 again.

Use the clip

Use the clip to secure the device on your clothes, pocket, or anywhere else as needed. Do the following to mount or dismount the clip:



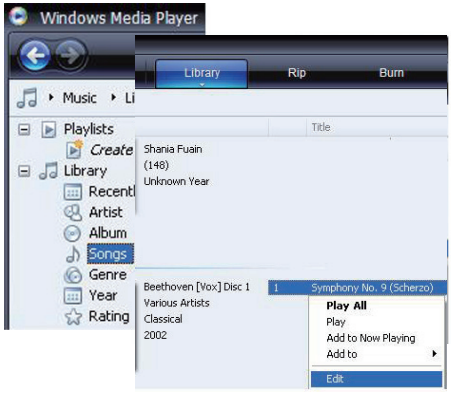
5 Music

Manage music on your PC

Organize your music files

Organize music files by song information

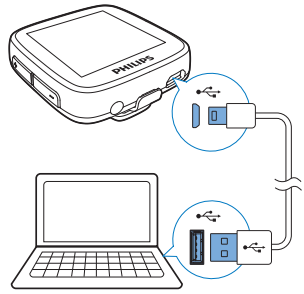
If the files contain song information (meta data or ID3 tag), the files can be sorted automatically by Song title, Artist, or Album on **SPARK**. Launch media management software to check or edit the file information. For example, click as shown in **Windows Media Player 11**. Select the desired song, and then, double click it to edit.



Organize music files by file folder

You can also organize music files in different folders as needed.

Transfer files in Windows Explorer



1. Connect **SPARK** to a PC.
2. On the PC, under **My Computer** or **Computer**,
   - Find **SPARK**;
   - Find the desired music files/folders.
3. From the PC, drag and drop music files/ folders to **SPARK**.

Find music on the player

Find music by song information

In ♫, go to the library screen. Songs are sorted by metadata or ID3 tag under different collections: **[All songs]**, **[Artists]**, **[Albums]**, or **[Genres]**.

[All songs]

- Songs are sorted by song title in alphabetical order.

[Artists]
- Songs are sorted by artist in alphabetical order;
- Under each artist, songs are sorted by album in alphabetical order.

[Albums]
- Songs are sorted by album in alphabetical order.

[Genres]
- Songs are sorted by genre, such as pop, rock.

Find music by file folder

From the Home screen, select 🗀 to find music by file folder.

Play music

- Tap to select a song.
  ↳ Play starts from current song.
  ↳ The play screen is displayed.

On the play screen,
(If necessary, tap on the screen to show the buttons.)

⏸ / ▶	Tap to pause/resume play.
⏮ / ⏭	Tap to skip songs; Hold to fast forward or rewind within current song.
▲ / ▼	Drag to show or hide the options menu.

Switch between the list of options and play screen
- On the play screen, press ⮌ repeatedly to go to previous screens.
- To return to the play screen, press ⮌ repeatedly to go to the library screen (see 'Find music by song information' on page 14). Tap **[Now playing]** or **[Last played]**.

Play from the same collection

During the song play, you can switch to a collection the same as that of current song.

1. On the play screen, drag ▲ to show the options menu. Select **[Play mode]**.
2. In **[Play music from…]**, select **[… this artist]**, **[… this album]**, or **[… this genre]**.
   ↳ You start to play current artist, album, or genre.
3. Press ⮌ to the exit the options menu.

To play all the songs on the player,
1. On the play screen, drag ▲ to show the options menu. Select **[Play mode]**.
2. In **[Play music from…]**, select **[All songs]**.

Select play options

On the play screen, drag ▲ to show the options menu. Select your play option, such as play mode, sound settings (see 'Settings' on page 21).

Playlists

With a playlist, you can access a list of songs from different genres, artists or albums.
In ♫ > **[Playlists]**, you can find the following playlists:
- three playlists-on-the-go for you to add songs on the player.

Add songs to a playlist-on-the-go

1 Play a song.
2 On the play screen,
   • drag ▲ to show the options menu. Select **[Add to playlist]**.
3 Select a playlist-on-the-go.
   ↳ You save current song to the playlist.

Remove songs from a playlist-on-the-go

Remove current song from a playlist

1 On the play screen,
   • drag ▲ to show the options menu. Select **[Remove from Playlist]**.
2 Select the playlist-on-the-go. Confirm as prompted.
   ↳ You remove current song from the selected playlist.

Remove all the songs in a playlist

1 In **[Playlists]**, select **[Clear playlist]**.
2 Select a playlist-on-the-go. Confirm as prompted.
   ↳ You remove all the songs from the playlist.

Delete songs from the player

• On the play screen, drag ▲ to show the options menu. Select **[Delete]**.
   ↳ Current song is deleted from the player.

6 Pictures

Add pictures to the player

1 Connect **SPARK** to a computer.
2 On the PC, under **My Computer** or **Computer**,
   • select **SPARK**, and create file folders.
3 On the PC, drag and drop files to the file folders on the **SPARK**.
   • Alternatively, drag and drop file folders from the PC to **SPARK**.

Find pictures on the player

Find pictures by file name

• Go to .
   ↳ Pictures are listed by file name in alphabetical order.

Find pictures by file folder

• Go to .
   ↳ Pictures are organized by file folder as on the PC.

View pictures

1 From the Home screen, select .
2 Tap ⏮ / ⏭ to select a picture.

Start a slideshow

When you view pictures in mode,

• tap ▶ / ⏸ to start, pause, or resume a slideshow.
   ↳ Pictures play one by one.

Tip

• You can change the slideshow settings in ⚙ > **[Display settings]**.

7 FM radio

Note

- Plug in the supplied earphones when you tune in to radio stations. The earphones double as antenna. For better reception, move the earphone cable in different directions.

Tune in to radio stations

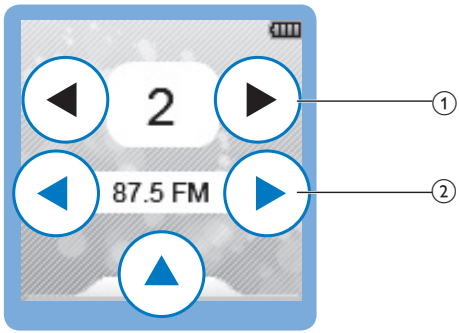
Auto tune

The first time you tune in to the radio, start Auto tune to search for stations.

1 From the Home screen, go to .

2 Start Auto tune as prompted.
↳ Up to 30 stations are stored as presets.

3 Swipe up/ down to select a preset station. Tap to select your option.
↳ The station starts to play. The play screen is displayed.



① **Preset number: Location of the preset station**

② **Frequency: Frequency of current radio station**

Restart Auto tune

- On the play screen, drag ▲ to show the options menu. Select **[Auto tune]**.

Tip

- When you move to a new place (such as a new city or country), restart auto tune for better reception.

Select a preset station

- On the play screen, tap ◀ / ▶.
- Alternatively, press ⮌ to return to the list of presets. Tap your option.

Manual tune

Use Manual tune to search for a frequency or station.

- On the play screen, tap and hold ◀ / ▶.
  ↳ You tune in to the next station from current frequency.
- For fine tuning, tap ◀ / ▶ repeatedly.

Store preset stations

On **SPARK**, you can store up to 30 preset stations.

1 Tune in to a radio station.

2 On the play screen, drag ▲ to show the options menu. Select **[Save to preset]**.

3 Swipe up/ down to browse through the list of presets. Tap your option.

4 Confirm as prompted.
↳ Current station is saved to the location.

To remove a preset station,

1 On the play screen, drag ▲ to show the options menu. Select **[Clear preset]**.
↳ The list of presets is displayed.

2 Swipe up/ down to browse through the list of presets. Tap your option.

3 Confirm as prompted.
↳ The station is removed from the list of presets.

8 Recordings

Make recordings

With **SPARK**, you can record:

- voices or audio through the built-in microphone; or
- radio programs when the radio plays on the player.

Record audio/voices

1. In , select **[Start voice recording]**.
   ↳ The recording screen is displayed.
2. Make sure that the microphone is close to the sound source to be recorded.
3. Tap II / ● to pause or resume recording. To stop recording, tap ■ or press ⮌.
4. Confirm as prompted.
   ↳ Recordings are saved to > **[Recordings Library]** > **[Voice]**. (Filename format: VOICEXXX.MP3, where XXX is the recording number that is generated automatically.)

Record from the FM radio

1. In , tune in to a radio station.
2. On the play screen, drag ▲ to show the options menu. Select **[Start FM radio recording]**.
   ↳ You start recording from the FM radio.
3. Tap II / ● to pause or resume recording. To stop recording, tap ■ or press ⮌.
4. Confirm as prompted.
   ↳ Recordings are saved to > **[Recordings library]** > **[FM radio recordings]**. (Filename format: FMRECXXX.WAV, where XXX is the recording number that is generated automatically.)

Note

- The feature of FM radio recording is available with some versions only. Refer to the onscreen menu of the player to find out which features are available to you.

Listen to recordings

1. In , select **[Recordings library]** > **[Voice]** or **[FM radio]**.
2. Select a recording.
   ↳ Play starts from current song.
   ↳ The play screen is displayed.
3. Play the recording as you do with songs (see 'Play music' on page 15).

Note

- * FM radio recording feature is available with some versions only. Refer to the on-screen menu of SPARK to find out which features are available to you.

Upload your recordings to a computer

1. Connect SPARK to the computer.
2. In Windows Explorer, open SPARK.
3. Select the folder **Recordings** > **Voice** or **FM***.

4 Copy and paste the recordings to any location on the computer.

Note

- * FM radio recording feature is available with some versions only. Refer to the on-screen menu of SPARK to find out which features are available to you.

Delete recordings

- Delete recordings as you do with songs (see 'Delete songs from the player' on page 16).

9 Settings

From the Home screen, go to ✿ to select your settings.

- Swipe up or down to browse through lists of options. Tap your option;
- Press ⮌ to exit.

Play mode

In **[Play mode]**, select play modes for music play:

[Repeat]

- **[Repeat 1]**: repeats current song.
- **[Repeat all]**: repeats all songs in current folder.

[Shuffle]: plays all songs in current folder in random order.

Sound settings

In **[Sound settings]**, select your option for sound settings:

[FullSound]	Restores the sonic details that music compression loses (for example, MP3, WMA).
[Equalizer]	Defines sound settings as desired.
[Volume limit]	Sets a maximum volume level for the device. In this way, you can always keep the volume within a level safe enough to your hearing. Press ◀ / ▶ to set the volume limit.

Note

- Equalizer is deactivated when you select FullSound.

Sleep timer

Switch on the sleep timer. The **SPARK** can switch off automatically after a certain time duration.

- In **[Sleep timer]**, select an option.
  - ↳ After the selected time duration, the device is switched off automatically.

Display settings

Rotate screen

In **[Display settings]** > **[Rotate screen]**, select an option. You can rotate the display as needed.

Slideshow

In **[Slideshow settings]**, select your options for the slideshow during picture play (see 'Start a slideshow' on page 17).

[Time per slide]	Select the time interval between two slides.
[Repeat]	Play pictures in current folder repeatedly.
[Shuffle]	Play pictures in current folder in random order.

Backlight timer

The screen enters the idle mode, if no new action is taken on **SPARK**. After the pre-defined time duration, the idle screen is switched off automatically. To save battery power, select a low value for the time duration.

To set the time duration

- In **[Display settings]** > **[Backlight timer]**, select a time duration.
  - ↳ After the selected time duration, the idle screen is switched off automatically.

To exit the power-saving mode

- Press any key.

Language

You can change the language option in **[Language]**.

Information

In **[Information]**, learn the following information about the device:

[Capacity:]	memory size
[Free space:]	space available
[Firmware version:]	current firmware version. Check the firmware version when updating firmware from the support website.
[Model:]	full product name. Check the full product name when updating firmware from the support website.
[Support site:]	web site that provides support for the device

Legal

In **[Legal]**, find the legal information about the device.

Format device

Format the player. You remove all the data that are stored on the player.

- Select **[Format device]**, and then, select **[Yes]** as prompted.

Factory settings

In **[Factory settings]**, restore the player to factory settings. Files transferred to the player are retained.

10 Update the firmware through Philips Device Manager

SPARK is controlled by an internal program called firmware. Newer versions of the firmware may have been released after you have purchased SPARK.
The software program called **Philips Device Manager** can use your computer to check for firmware updates that are available on the Internet.
Install **Philips Device Manager** on your computer from SPARK or download the latest version from www.philips.com/support.

Note

- Your music files are not affected by a firmware update.

1. Make sure that your computer is connected to the Internet.
2. Connect **SPARK** to the computer.
3. On your computer, click **Start** > **Programs** > **Philips** > **Philips MP3 player** > **GoGear SA3SPKXX Device Manager** to launch the **Philips Device Manager**.
4. Click **Update**
   ↳ **Philips SA3SPKXX Device Manager** checks for updates and installs new firmware from the Internet, if available.
5. When the display shows **Update completed**, click **OK**.
6. Disconnect **SPARK** from the computer.
   ↳ **SPARK** restarts after the firmware is updated and is ready for use again.

11 Troubleshooting

If **SPARK** is not working properly or the display freezes, you can reset it without losing data:

How do I reset SPARK?

- Insert a pen tip or other object into the reset hole located at the bottom of **SPARK**. Hold until the player shuts down.
- If the reset option is unsuccessful, follow the steps how to recover **SPARK** with the **Philips Device Manager**:

1. On your computer, select **Start** > **Programs** > **Philips** > **Philips MP3 player** > **GoGear SA3SPKXX Device Manager** to launch the **Philips Device Manager**.
2. Turn off **SPARK** before you continue.
3. Press and hold the volume button **+** while you connect **SPARK** to your computer.
4. Keep holding the key until the **Philips Device Manager** acknowledges **SPARK** and enters the recovery mode.
5. On the computer, click the **Repair** button and follow the instructions of the **Philips Device Manager** to complete the recovery process.
6. When the recovery is completed, disconnect **SPARK** from your computer.
7. Restart **SPARK**.

12 Technical data

Power
- Power supply: 160 mAh Li-ion polymer internal rechargeable battery
- Play time[1]
  Audio (.mp3): up to 22 hours
  Radio: up to 6 hours

Software
- Philips Device Manager: to update firmware

Connectivity
- Headphone 3.5 mm
- USB 2.0 High speed

Sound
- Channel separation: >55 dB
- Frequency Response: 60 - 16,000 Hz
- Output power: 2 x 10 mW
- Signal to noise ratio: > 84 dB

Audio playback
Supported formats:
- MP3
  Bit rates: 8 - 320 kbps and VBR
  Sampling rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz
- WMA
  Bit rates: 5 - 320 kbps
  Sampling rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz
- FLAC
  Bit rates: up to 1.1 Mbps
  Sampling rates: 48 kHz
- APE
  Bit rates: up to 1.3 Mbps
  Sampling rates: 48 kHz
- WAV

Picture display
Supported formats:
- JPG
- BMP

Storage media
Built-in memory capacity[2]:
- SA3SPK02 2GB NAND Flash
- SA3SPK04 4GB NAND Flash
- SA3SPK08 8GB NAND Flash

Media transfer[3]
- Windows Explorer (drag and drop)

Display
- Color LCD 128 x 128 pixels

Note

- [1] Rechargeable batteries have a limited number of charge cycles. Battery life and number of charge cycles vary by use and settings.
- [2] 1GB = 1 billion bytes; available storage capacity is less. Full memory capacity may not be available as some memory is reserved for the player. Storage capacity is based on 4 minutes per song and 128 kbps MP3 encoding.
- [3] Transfer speed depends on operating system and software configuration.

System requirements

- Windows® XP (SP3 or above) / Vista / 7
- Pentium III 800 MHz processor or higher
- 512 MB RAM
- 500 MB hard disk space
- Internet connection
- Windows® Internet Explorer 6.0 or later
- CD-ROM drive
- USB port

Specifications are subject to change without notice
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